

Sorbotech® LG 85

– Application –

Sorbotech® LG 85 is a granular activated carbon manufactured from selected, high quality grades of bituminous coal. It is specially designed for drinking water treatment, eliminating substances having an influence on its colour, taste and smell. Additionally, it is a perfect medium for wastewater and process water filtration, removing organic impurities to a trace level.

– Specification –

Iodine number	850 mg/g
Surface area (BET method)	900 m ² /g
Moisture content	5 %
Grain size (8 x 30 mesh)	0,6 – 2,36 mm

Typical properties

Ash content	12 %
Hardness	97 %
Methylene blue number	170 mg/g
Density	500 kg/m ³

– Storage –

- In sealed, unopened packages
- In dry place with temperature 5 - 80° C
- Away from sources of ignition and solvent vapours
- With limited exposure to direct sunlight and moisture

– Standard packaging –

- Small bag 20 kg
- Big Bag 500 kg

– Safety –

Wet activated carbon adsorbs oxygen from the air, what can cause danger while working inside containers with activated carbon and in closed or poorly ventilated places.

Under certain conditions, during contact with oxidizing agents and some organic compounds such as ketones (e.g. acetone), acrylates, esters, volatile acids, amines, etc. activated carbon may react exothermically. In case of rapid temperature increase cooling with water is recommended.